

WIKIMEDIA CONTRIBUTORS' FRONT-END NEEDS

STUDY FINDINGS

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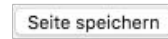
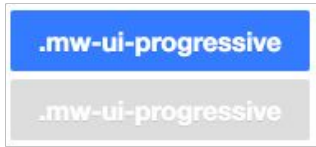
WHY DID WE SPEAK WITH OUR USERS?

Currently used shared styles & front-end libraries in Wikimedia Foundation's products:

1. MediaWiki style sheet for general and common core styles (MediaWiki/Vector)
2. jQuery.UI (MediaWiki/Vector)
3. Agora (MediaWiki/Vector)
4. Mediawiki UI (MobileFrontend, MediaWiki)
5. OOjs UI (VE, Echo, MediaWiki theme/MediaWiki/Vector)
6. Pure (Wikimedia Portal)
7. Semantic UI 1 & 2 (Grafana – Analytics)
8. Bootstrap 2 & 3 (Grafana)
9. Custom styles (MobileFrontend, Echo, ULS...)

CONTEMPLATING: Buttons

We use several different button styles for each one of those types.



CONTEMPLATING: Fonts

We use several different font stacks for same type.

Serif font stack

- "Linux Libertine", Georgia, Times, serif
as in Vector, Minerva, Blueprint
- 'Linux Libertine', 'Hoefler Text', Georgia, 'Times New Roman', Times, serif
as in Wikimedia Portal

Sans-serif font stack

- "Helvetica Neue", Helvetica, "Nimbus Sans L", Arial, "Liberation Sans", sans-serif
as in Minerva
- sans-serif
as in Vector, Wikimedia Portal
- "Helvetica Neue", Helvetica, Arial, sans-serif
as in Blueprint

WHY DID WE SPEAK WITH OUR USERS?

Foundation employees and volunteer Wikimedia contributors are designing and implementing user interfaces in all different ways.

Evaluation portal

A hub for learning and sharing resources to better understand Wikimedia programs.

Are you reaching your goals? Measure your program's success!

News and Events



Wikimedia Impact Evaluation:
Learn how we evaluate grants and programs.



Review WMF Annual Plan proposal on this FDC round!



Blog on Education Collaborative



WMCON 2016: New pre-conference workshops!



Study

- Glossary
- Learning modules • (+)



Plan

- Program toolkits
- Logic models • (+)



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Earth (Q2)

third planet closest to the Sun in the Solar System

save cancel ?

Gaia | ⊕ | the world | Earth | Blue Planet

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Language	Label	Description	Also known as
By clicking "save", you agree to the terms of use , and you irrevocably agree to release your contribution under the Creative Commons CC0 License . × I accept these terms for my future edits. Do not show this message again.			
English	<u>Earth</u>	<u>third planet closest to the Sun in the Solar System</u>	Gaia ⊕ the world Earth Blue Planet enter an alias
German	<u>Erde</u>	<u>dritter Planet unseres Sonnensystems</u>	Blauer Planet Erdkörper Sol III ♁ ⊕ Sol 3 Welt enter an alias
Spanish	<u>Tierra</u>	<u>tercer planeta más cercano al Sol en el sistema solar</u>	planeta Tierra mundo el globo Terra

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Categories

Page properties

Templates&links

Other sources

Wikidata

Output

Language

en

Commons

WikiSpecies

Wikidata

Project

wikipedia

Depth

0

(depth 0 means no subcategories; appending '|' and a number to a category in the fields below will override it for that category)

Categories

Combination

Subset Union

Negative categories

Do it!



WIKIPEDIA
The Free Encyclopedia

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Interaction

- Help
- About Wikipedia
- Community portal
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Languages

Add links

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Let's take Wikipedia to the Moon!

[Help with translations!]

Wikipedia:WikiProject Women in Technology

From Wikipedia, the free encyclopedia



WikiProject Women in Technology

A **WikiProject** dedicated to improving Wikipedia's coverage of women in technology, and to address

systemic bias in Wikipedia's coverage of technology-related subjects.

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Add new announcements to the top. Sign with ~~~~. Remove old ones after a month.

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RESEARCH GOALS

To learn more about the direct stakeholders of front-end UI (people who build stuff)

- What they build
- The workflows when building it
- The set of tools they use
- What works for them about these tools, and what doesn't
- Their awareness (and use) of WMF-supported tools/resources in their work

Rationale

- Terms like 'front-end UI', 'design', and 'tools' potentially describe the work of a diverse set of *contributors* and *types of contribution*
- This is a good time to bring a diversity of voices into the UI standardization discussion, before WMF proceeds with development

METHODOLOGY

We conducted focus groups and semi-structured interviews with 19 Wikimedians

- **WMF staff:** 7
- **WMDE staff:** 3
- **Volunteers:** 9

We sorted participants into two groups, based on the kind of work they perform

- **Page Designers** build pages and portals on wiki to support communication, coordination, education, outreach...
- **Front-End Developers** build MediaWiki core UI, extensions, userscripts, gadgets, widgets, and web applications to support content consumption, contribution, curation, coordination, research...

HOW ARE CONTRIBUTORS CHOOSING FRONT-END TECHNOLOGY

- They have to be aware of an existing solution
“No one ever talks about [OOjs UI]” –Community developer
- Documentation easy and easily accessible
“When it comes to looking at documentation, I want to see examples” –Com. developer
- Community as strong indicator for finding answers
Support network available
“If you run into trouble, you find something on StackOverflow” –Community developer
- Easy learning-curve/ease-of-use (most often named decisive asset)
“It felt intuitive for me to use OOjs UI--quite close to Bootstrap.” –WMDE developer
- Modularity/fewer dependencies are preferred
“I want to take tiny pieces and fit them together into big elements, rather than using complex elements and customizing them. I would like OOjs to support this approach.” – WMDE developer

HOW ARE CONTRIBUTORS CHOOSING FRONT-END TECHNOLOGY

- Mobile support as necessity
- Accessibility measurements
- No-JavaScript support
- Internationalisation/Localisation
Translation challenges

WHAT ARE THE MAIN BARRIERS FOR ADOPTION?

Time is scarce, resources are limited

- Steep learning learning-curve
- Missing or unclear documentation
- Missing community to find answers
- Adaptability/extensibility of framework
- Process to request new features?

“Process for adding to OOjs UI or core patches not clear” –WMDE developer

“OOjs UI team really wants people to use it, though. They want feedback.”

–WMDE developer

WIKIMEDIA CONTRIBUTORS' FRONT-END NEEDS CONCLUSIONS

General

Community!

For long-term success of our work (our library)

Open development for community inclusion, establish a support

WIKIMEDIA CONTRIBUTORS' FRONT-END NEEDS CONCLUSIONS

UI Standardization

Embracing technological pluralism/diversity &
collaborative documentation

WIKIMEDIA CONTRIBUTORS' FRONT-END NEEDS

Thank you for your attention.

Questions?

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